THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) During the period April, 2007 to January, 2008, the gross generation of electricity was 586,267 Million Unit (MU) (including 5064 MU of power imported from Bhutan) and the net requirement of power (excluding auxiliary power consumption in power stations) in the country was 608,804 MU.

The energy requirement in the country after five years (2011-12), according to the 17th Electric Power Survey carried out by the Central Electricity Authority (CEA), would be around 968,659 MU.

The steps taken/being taken to improve the power supply position in the country include augmentation of generating capacity by over 78,500 MW during the Eleventh Plan, development of Ultra Mega Power Projects of 4,000 MW capacity, improving performance of existing power stations, renovation, modernization and life extension of old and inefficient generating units, harnessing surplus captive power into the grid, strengthening inter-State and inter-regional transmission capacity for optimum utilization of available power, promoting demand side management, energy efficiency and energy conservation measures and import of power from Bhutan.

According to the National Highway Authority of India, non-conventional energy sources like solar lighting system is being considered for highway lighting at minor junctions, underpasses etc. in rural areas.

Setting up of second UMPP in Orissa

415. SHRI B.J. PANDA:
MS. PRAMILA BOHIDAR:

Will the Minister of POWER be pleased to state:

whether it is proposed to set up a 4,000 MW second Ultra Mega Power Project in Orissa based on coastal coal at an estimated cost of Rs. 16,000 crores;

if so, the details thereof, indicating its location; and

the time frame within which it would be started and completed?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) to (c) For setting up of an Ultra Mega Power Project (UMPP) in Orissa, Central Electricity Authority in consultation with the State Government agencies has identified a site near Bhedabahal Village in Sundergarh District. However, the approval for the identified site and water allocation for the proposed UMPP has not been provided by Government of Orissa so far. The initiation of the bidding process in respect of this project is contingent upon availability of above mentioned approvals from the State Government. No proposal regarding setting up of a second Ultra Mega Power Project in Orissa has been received from the State Government.

Private power plants in Orissa

416. SHRI B.J. PANDA:
MS. PRAMILA BOHIDAR:

Will the Minister of POWER be pleased to state:

(a) whether it is proposed to build a 1000 MW power plant near Angul in Orissa, in the private sector;

if so, the details thereof, along with its status; and

the details of other such power plants that are proposed to be opened in the private sector in this State?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) According to the information available with the Central Electricity Authority (CEA), three (3) private companies are proposing to set up thermal power plants near Angul in Orissa Statement-I *(See* below).

(c) The details of such other private power plants in Orissa are at Statement-II.

Statement-I

Details regarding Thermal Power Plants in private sector near Angul in Orissa

St. No	Name of the company	Location	Proposed capacity	Status
1	Jindal Photo	Near Village Pirasahi	4x250 MW	•Letter of Assurance (LOA) for coal linkage for 250 MW agreed.
		Distt. Angul, Orissa.	Capacity has since been revised to 2x600 MW	•Water allocation has been recommended by Water Resource Deptt, Government of Orissa. •Environmental clearance yet to be obtained.
2	Mahanadi Aban Loyd Chiles Offshore Ltd.	Angul (Managalpur), Orissa.	1030 MW	•Water alocation has been approved. •Environment clearance under process. •Company has applied for coal linkage.
3	Essar Power Orissa Limited	Paranga, Distt. Angul, Orissa.	2x600 MW	•Company has applied for coal linkage. •Water allocation has been approved subject to certain conditions.

Statement-II

Details of other private power plants in Orissa

SI. No.	Name of the company	Location	Proposed capacity	Status
1	2	3	4	5
1	Navabharat Power Pvt. Ltd. (Malaxmi)	Village Kharagprasad in Dhenkanal Distt. of Orissa	2x520 MW (Stage-I)	•Letter of Assurance (LOA) for coal linkage for 520 MW agreed. . •Water allocated. •Environmental clearance under process.
2	Sterlite Energy Limited	At Jharsuguda Distt, of Orissa	4x600 MW	•Letter of Assurance (LOA) for coal linkage for 600 MW agreed. •MOE&F clearance received. •Water allocated.
3	GMR Energy Limited	Village Kamalanga of Dhenkanal Distt. of Orissa	3x350 MW	•Letter of Assurance (LOA) for coal linkage for 500 MW agreed. • Water allocated. •Environmental clearance under process
4	Lanco Infratech Limited	Angul, Orissa now revised to Dhenkanal Orissa	2400 MW revised to 1320 MW	•Letter of Assurance (LOA) for coal linkage for 660 MW agreed. •Water allocated. •Environmental clearance under process.
5	KVK Nilachal Power Pvt. Ltd.	gurudijhatia village, Cuttack district of Orissa	1x300 MW Stage-I +2x350 MW Stage-II	•Letter of Assurance (LOA) for coal linkage for 300 MW agreed. •Water allocated for 650 MW.

1	2	3	4	5
6	CESC Limited	Neulapoi Distt. Dhenkanal Orissa	600 MW Ph-I (Ultimate 1000MW)	●Water allocation has been approved. ●Environmental Impact Assessment study under process. ●Company has applied for coal linkage.
7	Visa Power Limited-Cuttack Power Plant	Brahmanabasta, Atagarh Tehsil at Cuttack in Orissa	Ph-I-2x250 MW Ph-II-2x250 MW (Ultimate 4x250 MW)	●Water allocation received for 2x250 MW capacity. ●Environmental Impact Assessment study under process. ●Company has applied for coal linkage.
8	The Tata Power Company Ltd.	Charbatia Tangi, Distt. Cuttack, Orissa relocated to Naraj Marthapur in Cuttack district of Orissa	4x250 MW	●Environmental clearance yet to be obtained. ●Company has applied for coal linkage. ●Water allocation yet to be obtained.
9	Lanco Infratech Limited'	Jharsuguda in the State of Orissa. Site since changed to Sundergarh Distt. of Orissa	2400 MW Since changed to 2000 MW	●Company has applied for coal linkage. ●Water allocation awaited.
10	Chambal Infrastructure Venture Limited	Near Siaria village, Dhenkanal distt. Orissa	2000 MW (7x300 MW)	●Company has applied for coal linkage. ●Water allocation awaited.
11	Bhushan Energy Limited	Meramandali, Distt. Dhenkanal, Orissa	Ph-I 2x150 MW+ 2x250 MW+ 1x200 MW Ph-II 2x500 MW	●Water allocated for phase-I. ●Company has applied for coal linkage.
12	Action Ispat & Power (P) Limited	In village Pandripathar & Marakuta, Distt. Jharsuguda, Orissa	540 MW	●Company has applied for coal linkage. ●Water allocation awaited.
13	M/s JSW Energy Limited-IPP	At-Chipilima, Sambalpur, Orissa	2000 MW (4x500 MW)	●Company has applied for coal linkage.
14	M/s Ind-Barath Energies Ltd.	At-Sahajhahal village Jharsuguda, Orissa	700 MW	●Company has applied for coal linkage. ●Water allocation awaited.

Delays in reforms in power sector

417. SHRIMATI SHOBHANA BHARTIA:
PROF. ALKA BALRAM KSHATRIYA:

Will the Minister of POWER be pleased to state:

(a) whether the Prime Minister has recently expressed concern over the delays in implementing power reforms in the country;